

## Claims

1. An optical marking device having at least one light source (20, 22, 24; 32, 34, 36), and having means for generating a first optical projection line (26) on a reference face (10), as well as means for generating a second optical projection line (30) on the same reference face (10), and the second optical projection line (30) forms an angle of  $90^\circ$  with the first projection line (26), characterized in that means (20, 22, 24; 32, 34, 36) are present which generate a third projection line (28), and the third projection line assumes an angle of  $45^\circ$  to the first optical projection line (26) and an angle of  $45^\circ$  to the second optical projection line (30).

2. The device as defined by claim 1, characterized in that the first, second, and third projection lines (26, 28, 30) define a plane (10).

3. The device as defined by claim 1, characterized in that the third projection line (28) is an optical projection line.

4. The device as defined by claim 2 and 3, characterized in that at least one projection line (26, 28, 30) is fanned out perpendicular to the reference plane.

5. The device as defined by claim 3, characterized in that the three optical projection lines (26, 28, 30) are generated by at least one light source (20, 22, 24; 32, 34, 36), and in particular by at least one linear laser (22).

6. The device as defined by claim 3, characterized in that the three optical projection lines (26, 28, 30) are generatable by means of a single light source (20, 22, 24), and in particular by means of a single laser signal (22).

7. The device as defined by claim 6, characterized in that the optical projection lines (26, 28, 30) are generatable by means of at least one optical element from the single light source (20, 22, 24).

5 8. A tool device (16) having a device as defined by one of claims 1 through 7.

9. The tool device as defined by claim 8, characterized in that the device is suspended in the manner of a pendulum laser in a housing (17) of the tool device (16).

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10. The tool device as defined by claim 8, characterized in that the device is calibratable relative to the housing (17) of the tool device (16).

15 11. The tool device as defined by claim 9 or 10, characterized in that the emission from the optical projection lines (26, 28, 30) is switchable out of the housing (15) of the tool device (16), and in particular is individually switchable.